

Assembly Bill No. 2637

CHAPTER 499

An act to amend Sections 1680, 1721.5, 1725, 1741, 1750, 1750.1, 1752.1, 1765, 1771, and 1777 of, to amend and renumber Sections 1753.1, 1754, and 1770 of, to amend, renumber, add, and repeal Sections 1756 and 1757 of, to add Sections 1750.5, 1752.3, 1752.4, and 1753.4 to, to add and repeal Sections 1754.5, 1755, 1756.1, 1756.2, and 1758 of, to repeal Sections 1751.1, 1752, 1752.2, 1752.5, and 1753.5 of, and to repeal and add Sections 1750.2, 1750.3, 1750.4, 1751, 1752.6, and 1753 of, the Business and Professions Code, relating to dentistry.

[Approved by Governor September 28, 2008. Filed with
Secretary of State September 28, 2008.]

LEGISLATIVE COUNSEL'S DIGEST

AB 2637, Eng. Dental auxiliaries.

Existing law, the Dental Practice Act, provides for the licensure and regulation of dentists by the Dental Board of California and dental auxiliaries by the Committee on Dental Auxiliaries. Existing law, on and after January 1, 2010, authorizes an unlicensed dental assistant to perform basic supportive dental procedures, as defined, subject to a determination by the supervising licensed dentist that the dental assistant is competent to perform those procedures. Existing law, until January 1, 2011, requires the board to license as a registered dental assistant a person who files an application prior to September 1, 2009, and submits specified written evidence of either graduation from a specified educational program or specified work experience that is satisfactory to the board. Existing law, on and after January 1, 2010, requires the board to license as a registered dental assistant in extended functions a person who submits specified evidence of current licensure as a registered dental assistant or completion of the requirements for licensure, successful completion of a specified extended functions postsecondary program, and board-approved courses in radiation safety, infection control, California dental law, and basic life support, and satisfactory performance on a specified written examination and a clinical or practical examination. Existing law, on and after January 1, 2010, also requires the board to license a person who meets specified requirements as a registered orthodontic assistant, registered surgery assistant, registered restorative assistant, or registered restorative assistant in extended functions.

This bill would repeal those provisions governing registered orthodontic assistants, registered surgery assistants, registered restorative assistants, and registered restorative assistants in extended functions.

The bill would, on and after January 1, 2010, specify the duties that a dental assistant is authorized to perform under the general or direct supervision of a supervising licensed dentist.

The bill would revise and recast the registered dental assistant provisions and would authorize the board to license a person as a registered dental assistant if he or she files an application and submits written evidence, satisfactory to the board, of either (1) graduation from a board-approved educational program in registered dental assisting, or (2) for individuals applying prior to January 1, 2010, satisfactory work experience, as defined, of at least 12 months or, for individuals applying on and after January 1, 2010, satisfactory work experience of at least 15 months, and satisfactory performance on a written and practical examination administered by the committee. The bill would also require that those individuals applying on or after January 1, 2010, pass a written examination in law and ethics and complete board-approved courses in the act, infection control, and basic life support. The bill would, on and after January 1, 2010, impose specific content requirements for the written and practical examinations and would require the board to appoint a registered dental assistant examination committee to assign specific procedures for the practical examination. The bill would, commencing January 1, 2010, specify the duties a registered dental assistant is authorized to perform. The bill would specify that the fee for the written examination in law and ethics shall not exceed the actual cost of the examination.

The bill would, on and after January 1, 2010, modify the requirements for a license as a registered dental assistant in extended functions to include, among other things, completion of a board-approved course in the application of pit and fissure sealants and passage of a written examination and a clinical or practical examination. The bill would specify the duties and procedures a registered dental assistant in extended functions, licensed on or after January 1, 2010, is authorized to perform, as well as those additional procedures that may be performed under the direct supervision of a licensed dentist. The bill would, commencing January 1, 2010, also require applicants for a registered dental assistant in extended functions license to complete a specified examination regarding certain procedures.

The bill would, commencing January 1, 2010, authorize the board to issue an orthodontic assistant permit or a dental sedation assistant permit to a person who files a completed application, including a fee, and provides proof of certain eligibility requirements. The bill would authorize a dental assistant, a registered dental assistant, or a registered dental assistant in extended functions to apply for and maintain an orthodontic assistant permit or a dental sedation assistant permit. The bill would also, commencing January 1, 2010, specify the duties that may be performed by an orthodontic assistant permitholder or a dental sedation assistant permitholder under the direct supervision of a licensed dentist or, with respect to dental sedation assistant permitholders, another specified licensed health care professional. The bill would subject these permitholders to board established continuing education and renewal requirements. The bill would specify that the fee for

these permits shall not exceed \$50 and that the fee for the written examination for these permits shall not exceed the actual cost of the examination.

The bill would require the board, commencing January 1, 2010, at least once every 7 years, to review the allowable duties for the various dental auxiliary categories, the supervision level for those categories, and the settings under which those duties may be performed, and to update the regulations as necessary.

The bill would require a dental assisting program or course, a permit program or course, a registered dental assistant program, a registered dental assistant in extended function program, an orthodontic assistant permit course, a dental sedation assistant permit course, and an infection control course to meet various requirements, relating to, among other things, administration, facilities, supervision, curriculum, instruction, equipment, and examinations in order to secure and maintain approval by the board.

Existing law provides that it is a misdemeanor for any person who does not have a license issued by the board to hold himself or herself out as licensed by the board in specified categories of dental practice.

This bill would revise these provisions to make it a misdemeanor for a person to, without a license or permit issued by the board, hold himself or herself out as, among other things, a registered dental assistant, orthodontic assistant permitholder, or dental sedation assistant permitholder. By expanding the scope of an existing crime, the bill would impose a state-mandated local program.

Existing law provides that all fees collected under the Dental Practice Act in connection with the practice of a dental auxiliary are deposited in the State Dental Auxiliary Fund, in the Professions and Vocations Fund.

This bill would abolish the State Dental Auxiliary Fund and would create the State Dental Assistant Fund, to which would be transferred funds in the State Dental Auxiliary Fund related to dental assistants for specific use, and in which would be deposited all funds from the regulation of dental assistants. The bill would make funds in the State Dental Assistant Fund subject to appropriation by the Legislature in the annual Budget Act.

The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that no reimbursement is required by this act for a specified reason.

The people of the State of California do enact as follows:

SECTION 1. Section 1680 of the Business and Professions Code is amended to read:

1680. Unprofessional conduct by a person licensed under this chapter is defined as, but is not limited to, any one of the following:

- (a) The obtaining of any fee by fraud or misrepresentation.

(b) The employment directly or indirectly of any student or suspended or unlicensed dentist to practice dentistry as defined in this chapter.

(c) The aiding or abetting of any unlicensed person to practice dentistry.

(d) The aiding or abetting of a licensed person to practice dentistry unlawfully.

(e) The committing of any act or acts of sexual abuse, misconduct, or relations with a patient that are substantially related to the practice of dentistry.

(f) The use of any false, assumed, or fictitious name, either as an individual, firm, corporation, or otherwise, or any name other than the name under which he or she is licensed to practice, in advertising or in any other manner indicating that he or she is practicing or will practice dentistry, except that name as is specified in a valid permit issued pursuant to Section 1701.5.

(g) The practice of accepting or receiving any commission or the rebating in any form or manner of fees for professional services, radiograms, prescriptions, or other services or articles supplied to patients.

(h) The making use by the licensee or any agent of the licensee of any advertising statements of a character tending to deceive or mislead the public.

(i) The advertising of either professional superiority or the advertising of performance of professional services in a superior manner. This subdivision shall not prohibit advertising permitted by subdivision (h) of Section 651.

(j) The employing or the making use of solicitors.

(k) The advertising in violation of Section 651.

(l) The advertising to guarantee any dental service, or to perform any dental operation painlessly. This subdivision shall not prohibit advertising permitted by Section 651.

(m) The violation of any of the provisions of law regulating the procurement, dispensing, or administration of dangerous drugs, as defined in Chapter 9 (commencing with Section 4000) or controlled substances, as defined in Division 10 (commencing with Section 11000) of the Health and Safety Code.

(n) The violation of any of the provisions of this division.

(o) The permitting of any person to operate dental radiographic equipment who has not met the requirements of Section 1656.

(p) The clearly excessive prescribing or administering of drugs or treatment, or the clearly excessive use of diagnostic procedures, or the clearly excessive use of diagnostic or treatment facilities, as determined by the customary practice and standards of the dental profession.

Any person who violates this subdivision is guilty of a misdemeanor and shall be punished by a fine of not less than one hundred dollars (\$100) or more than six hundred dollars (\$600), or by imprisonment for a term of not less than 60 days or more than 180 days, or by both a fine and imprisonment.

(q) The use of threats or harassment against any patient or licensee for providing evidence in any possible or actual disciplinary action, or other

legal action; or the discharge of an employee primarily based on the employee's attempt to comply with the provisions of this chapter or to aid in the compliance.

(r) Suspension or revocation of a license issued, or discipline imposed, by another state or territory on grounds that would be the basis of discipline in this state.

(s) The alteration of a patient's record with intent to deceive.

(t) Unsanitary or unsafe office conditions, as determined by the customary practice and standards of the dental profession.

(u) The abandonment of the patient by the licensee, without written notice to the patient that treatment is to be discontinued and before the patient has ample opportunity to secure the services of another dentist, registered dental hygienist, registered dental hygienist in alternative practice, or registered dental hygienist in extended functions and provided the health of the patient is not jeopardized.

(v) The willful misrepresentation of facts relating to a disciplinary action to the patients of a disciplined licensee.

(w) Use of fraud in the procurement of any license issued pursuant to this chapter.

(x) Any action or conduct that would have warranted the denial of the license.

(y) The aiding or abetting of a licensed dentist, dental assistant, registered dental assistant, registered dental assistant in extended functions, dental sedation assistant permitholder, orthodontic assistant permitholder, registered dental hygienist, registered dental hygienist in alternative practice, or registered dental hygienist in extended functions to practice dentistry in a negligent or incompetent manner.

(z) The failure to report to the board in writing within seven days any of the following: (1) the death of his or her patient during the performance of any dental or dental hygiene procedure; (2) the discovery of the death of a patient whose death is related to a dental or dental hygiene procedure performed by him or her; or (3) except for a scheduled hospitalization, the removal to a hospital or emergency center for medical treatment for a period exceeding 24 hours of any patient to whom oral conscious sedation, conscious sedation, or general anesthesia was administered, or any patient as a result of dental or dental hygiene treatment. With the exception of patients to whom oral conscious sedation, conscious sedation, or general anesthesia was administered, removal to a hospital or emergency center that is the normal or expected treatment for the underlying dental condition is not required to be reported. Upon receipt of a report pursuant to this subdivision the board may conduct an inspection of the dental office if the board finds that it is necessary. A dentist shall report to the board all deaths occurring in his or her practice with a copy sent to the Dental Hygiene Committee of California if the death was the result of treatment by a registered dental hygienist, registered dental hygienist in alternative practice, or registered dental hygienist in extended functions. A registered dental hygienist, registered dental hygienist in alternative practice, or registered

dental hygienist in extended functions shall report to the Dental Hygiene Committee of California all deaths occurring as the result of dental hygiene treatment, and a copy of the notification shall be sent to the board.

(aa) Participating in or operating any group advertising and referral services that are in violation of Section 650.2.

(ab) The failure to use a fail-safe machine with an appropriate exhaust system in the administration of nitrous oxide. The board shall, by regulation, define what constitutes a fail-safe machine.

(ac) Engaging in the practice of dentistry with an expired license.

(ad) Except for good cause, the knowing failure to protect patients by failing to follow infection control guidelines of the board, thereby risking transmission of bloodborne infectious diseases from dentist, dental assistant, registered dental assistant, registered dental assistant in extended functions, dental sedation assistant permitholder, orthodontic assistant permitholder, registered dental hygienist, registered dental hygienist in alternative practice, or registered dental hygienist in extended functions to patient, from patient to patient, and from patient to dentist, dental assistant, registered dental assistant, registered dental assistant in extended functions, dental sedation assistant permitholder, orthodontic assistant permitholder, registered dental hygienist, registered dental hygienist in alternative practice, or registered dental hygienist in extended functions. In administering this subdivision, the board shall consider referencing the standards, regulations, and guidelines of the State Department of Public Health developed pursuant to Section 1250.11 of the Health and Safety Code and the standards, guidelines, and regulations pursuant to the California Occupational Safety and Health Act of 1973 (Part 1 (commencing with Section 6300) of Division 5 of the Labor Code) for preventing the transmission of HIV, hepatitis B, and other blood-borne pathogens in health care settings. The board shall review infection control guidelines, if necessary, on an annual basis and proposed changes shall be reviewed by the Dental Hygiene Committee of California to establish a consensus. The committee shall submit any recommended changes to the infection control guidelines for review to establish a consensus. As necessary, the board shall consult with the Medical Board of California, the California Board of Podiatric Medicine, the Board of Registered Nursing, and the Board of Vocational Nursing and Psychiatric Technicians, to encourage appropriate consistency in the implementation of this subdivision.

The board shall seek to ensure that all appropriate dental personnel are informed of the responsibility to follow infection control guidelines, and of the most recent scientifically recognized safeguards for minimizing the risk of transmission of bloodborne infectious diseases.

(ae) The utilization by a licensed dentist of any person to perform the functions of any registered dental assistant, registered dental assistant in extended functions, dental sedation assistant permitholder, orthodontic assistant permitholder, registered dental hygienist, registered dental hygienist in alternative practice, or registered dental hygienist in extended functions

who, at the time of initial employment, does not possess a current, valid license or permit to perform those functions.

(af) The prescribing, dispensing, or furnishing of dangerous drugs or devices, as defined in Section 4022, in violation of Section 2242.1.

SEC. 2. Section 1721.5 of the Business and Professions Code is amended to read:

1721.5. (a) All funds received by the Treasurer pursuant to Section 1725 shall be placed in the State Dental Assistant Fund for the purposes of administering this chapter as it relates to dental assistants, registered dental assistants, registered dental assistants in extended functions, dental sedation assistant permit holders, and orthodontic assistant permit holders. Expenditure of these funds shall be subject to appropriation by the Legislature in the annual Budget Act.

(b) On July 1, 2009, all moneys in the State Dental Auxiliary Fund, other than the moneys described in Section 1945, shall be transferred to the State Dental Assistant Fund. The board's authority to expend those funds, as appropriated in the 2008 Budget Act, shall continue in order to carry out the provisions of this chapter as they related to dental assistants licensed under this chapter for the 2008–09 fiscal year, including the payment of any encumbrances related to dental assistants licensed under this chapter incurred by the State Dental Auxiliary Fund.

SEC. 3. Section 1725 of the Business and Professions Code is amended to read:

1725. The amount of the fees prescribed by this chapter that relate to the licensing and permitting of dental assistants shall be established by board resolution and subject to the following limitations:

(a) The application fee for an original license shall not exceed twenty dollars (\$20). On and after January 1, 2010, the application fee for an original license shall not exceed fifty dollars (\$50).

(b) The fee for examination for licensure as a registered dental assistant shall not exceed fifty dollars (\$50) for the written examination and shall not exceed sixty dollars (\$60) for the practical examination.

(c) The fee for application and for the issuance of an orthodontic assistant permit or a dental sedation assistant permit shall not exceed fifty dollars (\$50).

(d) The fee for the written examination for an orthodontic assistant permit or a dental sedation assistant permit shall not exceed the actual cost of the examination.

(e) The fee for the written examination in law and ethics for a registered dental assistant shall not exceed the actual cost of the examination.

(f) The fee for examination for licensure as a registered dental assistant in extended functions shall not exceed the actual cost of the examination.

(g) The fee for examination for licensure as a registered dental hygienist shall not exceed the actual cost of the examination.

(h) For third- and fourth-year dental students, the fee for examination for licensure as a registered dental hygienist shall not exceed the actual cost of the examination.

(i) The fee for examination for licensure as a registered dental hygienist in extended functions shall not exceed the actual cost of the examination.

(j) The board shall establish the fee at an amount not to exceed the actual cost for licensure as a registered dental hygienist in alternative practice.

(k) The biennial renewal fee for a registered dental assistant whose license expires on or after January 1, 1991, shall not exceed sixty dollars (\$60). On or after January 1, 1992, the board may set the renewal fee for a registered dental assistant license, registered dental assistant in extended functions license, dental sedation assistant permit, or orthodontic assistant permit in an amount not to exceed eighty dollars (\$80).

(l) The delinquency fee shall not exceed twenty-five dollars (\$25) or one-half of the renewal fee, whichever is greater. Any delinquent license or permit may be restored only upon payment of all fees, including the delinquency fee.

(m) The fee for issuance of a duplicate registration, license, permit, or certificate to replace one that is lost or destroyed, or in the event of a name change, shall not exceed twenty-five dollars (\$25).

(n) The fee for each curriculum review and site evaluation for educational programs for registered dental assistants that are not accredited by a board-approved agency, or the Chancellor's office of the California Community Colleges shall not exceed one thousand four hundred dollars (\$1,400).

(o) The fee for review of each approval application for a course that is not accredited by a board-approved agency, or the Chancellor's office of the California Community Colleges shall not exceed three hundred dollars (\$300).

(p) No fees or charges other than those listed in subdivisions (a) to (o), inclusive, above shall be levied by the board in connection with the licensure or permitting of dental assistants, registered dental assistant educational program site evaluations and course evaluations pursuant to this chapter.

(q) Fees fixed by the board pursuant to this section shall not be subject to the approval of the Office of Administrative Law.

(r) Fees collected pursuant to this section shall be deposited in the State Dental Assistant Fund.

SEC. 4. Section 1741 of the Business and Professions Code is amended to read:

1741. As used in this article:

(a) "Board" means the Dental Board of California.

(b) "Direct supervision" means supervision of dental procedures based on instructions given by a licensed dentist, who must be physically present in the treatment facility during the performance of those procedures.

(c) "General supervision" means supervision of dental procedures based on instructions given by a licensed dentist but not requiring the physical presence of the supervising dentist during the performance of those procedures.

SEC. 5. Section 1750 of the Business and Professions Code, as amended by Section 6 of Chapter 588 of the Statutes of 2007, is amended to read:

1750. (a) A dental assistant is a person who may perform basic supportive dental procedures as authorized by this article under the supervision of a licensed dentist and who may perform basic supportive procedures as authorized pursuant to subdivision (b) of Section 1751 under the supervision of a registered dental hygienist in alternative practice.

(b) The supervising licensed dentist shall be responsible for determining the competency of the dental assistant to perform allowable functions.

(c) This section shall remain in effect only until January 1, 2010, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2010, deletes or extends that date.

SEC. 6. Section 1750 of the Business and Professions Code, as amended by Section 7 of Chapter 588 of the Statutes of 2007, is amended to read:

1750. (a) A dental assistant is an individual who, without a license, may perform basic supportive dental procedures, as authorized by Section 1750.1 and by regulations adopted by the board, under the supervision of a licensed dentist. “Basic supportive dental procedures” are those procedures that have technically elementary characteristics, are completely reversible, and are unlikely to precipitate potentially hazardous conditions for the patient being treated.

(b) The supervising licensed dentist shall be responsible for determining the competency of the dental assistant to perform the basic supportive dental procedures, as authorized by Section 1750.1.

(c) The employer of a dental assistant shall be responsible for ensuring that the dental assistant who has been in continuous employment for 120 days or more, has already successfully completed, or successfully completes, all of the following within a year of the date of employment:

(1) A board-approved course in the Dental Practice Act.

(2) A board-approved course in infection control.

(3) A course in basic life support offered by an instructor approved by the American Red Cross or the American Heart Association, or any other course approved by the board as equivalent and that provides the student the opportunity to engage in hands-on simulated clinical scenarios.

(d) The employer of a dental assistant shall be responsible for ensuring that the dental assistant maintains certification in basic life support.

(e) This section shall become operative on January 1, 2010.

SEC. 7. Section 1750.1 of the Business and Professions Code is amended to read:

1750.1. (a) A dental assistant may perform the following duties under the general supervision of a supervising licensed dentist:

(1) Extra-oral duties or procedures specified by the supervising licensed dentist, provided that these duties or procedures meet the definition of a basic supportive procedure specified in Section 1750.

(2) Operate dental radiography equipment for the purpose of oral radiography if the dental assistant has complied with the requirements of Section 1656.

(3) Perform intraoral and extraoral photography.

(b) A dental assistant may perform the following duties under the direct supervision of a supervising licensed dentist:

- (1) Apply nonaerosol and noncaustic topical agents.
 - (2) Apply topical fluoride.
 - (3) Take intraoral impressions for all nonprosthodontic appliances.
 - (4) Take facebow transfers and bite registrations.
 - (5) Place and remove rubber dams or other isolation devices.
 - (6) Place, wedge, and remove matrices for restorative procedures.
 - (7) Remove post-extraction dressings after inspection of the surgical site by the supervising licensed dentist.
 - (8) Perform measurements for the purposes of orthodontic treatment.
 - (9) Cure restorative or orthodontic materials in operative site with a light-curing device.
 - (10) Examine orthodontic appliances.
 - (11) Place and remove orthodontic separators.
 - (12) Remove ligature ties and archwires.
 - (13) After adjustment by the dentist, examine and seat removable orthodontic appliances and deliver care instructions to the patient.
 - (14) Remove periodontal dressings.
 - (15) Remove sutures after inspection of the site by the dentist.
 - (16) Place patient monitoring sensors.
 - (17) Monitor patient sedation, limited to reading and transmitting information from the monitor display during the intraoperative phase of surgery for electrocardiogram waveform, carbon dioxide and end tidal carbon dioxide concentrations, respiratory cycle data, continuous noninvasive blood pressure data, or pulse arterial oxygen saturation measurements, for the purpose of interpretation and evaluation by a supervising licensed dentist who shall be at the patient's chairside during this procedure.
 - (18) Assist in the administration of nitrous oxide when used for analgesia or sedation. A dental assistant shall not start the administration of the gases and shall not adjust the flow of the gases unless instructed to do so by the supervising licensed dentist who shall be present at the patient's chairside during the implementation of these instructions. This paragraph shall not be construed to prevent any person from taking appropriate action in the event of a medical emergency.
- (c) Under the supervision of a registered dental hygienist in alternative practice, a dental assistant may perform intraoral retraction and suctioning.
- (d) The board may specify additional allowable duties by regulation.
- (e) The duties of a dental assistant or a dental assistant holding a permit in orthodontic assisting or in dental sedation do not include any of the following procedures unless specifically allowed by law:
- (1) Diagnosis and comprehensive treatment planning.
 - (2) Placing, finishing, or removing permanent restorations.
 - (3) Surgery or cutting on hard and soft tissue including, but not limited to, the removal of teeth and the cutting and suturing of soft tissue.
 - (4) Prescribing medication.

(5) Starting or adjusting local or general anesthesia or oral or parenteral conscious sedation, except for the administration of nitrous oxide and oxygen, whether administered alone or in combination with each other and except as otherwise provided by law.

(f) The duties of a dental assistant are defined in subdivision (a) of Section 1750 and do not include any duty or procedure that only an orthodontic assistant permitholder, dental sedation assistant permitholder, registered dental assistant, registered dental assistant in extended functions, registered dental hygienist, or registered dental hygienist in alternative practice is allowed to perform.

(g) This section shall become operative on January 1, 2010.

SEC. 8. Section 1750.2 of the Business and Professions Code is repealed.

SEC. 9. Section 1750.2 is added to the Business and Professions Code, to read:

1750.2. (a) On and after January 1, 2010, the board may issue an orthodontic assistant permit to a person who files a completed application including a fee and provides evidence, satisfactory to the board, of all of the following eligibility requirements:

(1) Completion of at least 12 months of work experience as a dental assistant.

(2) Successful completion of a board-approved course in the Dental Practice Act and a board-approved, course in infection control.

(3) Successful completion of a course in basic life support offered by an instructor approved by the American Red Cross or the American Heart Association, or any other course approved by the board as equivalent.

(4) Successful completion of a board-approved orthodontic assistant course, which may commence after the completion of six months of work experience as a dental assistant.

(5) Passage of a written examination administered by the board after completion of all of the other requirements of this subdivision. The written examination shall encompass the knowledge, skills, and abilities necessary to competently perform the duties specified in Section 1750.3.

(b) A person who holds an orthodontic assistant permit pursuant to this section shall be subject to the same continuing education requirements for registered dental assistants as established by the board pursuant to Section 1645 and the renewal requirements of Article 6 (commencing with Section 1715).

SEC. 10. Section 1750.3 of the Business and Professions Code is repealed.

SEC. 11. Section 1750.3 is added to the Business and Professions Code, to read:

1750.3. A person holding an orthodontic assistant permit pursuant to Section 1750.2 may perform the following duties under the direct supervision of a licensed dentist:

(a) All duties that a dental assistant is allowed to perform.

(b) Prepare teeth for bonding, and select, preposition, and cure orthodontic brackets after their position has been approved by the supervising licensed dentist.

(c) Remove only orthodontic brackets and attachments with removal of the bonding material by the supervising licensed dentist.

(d) Size, fit, and cement orthodontic bands.

(e) Remove orthodontic bands and remove excess cement from supragingival surfaces of teeth with a hand instrument.

(f) Place and ligate archwires.

(g) Remove excess cement with an ultrasonic scaler from supragingival surfaces of teeth undergoing orthodontic treatment.

(h) Any additional duties that the board may prescribe by regulation.

SEC. 12. Section 1750.4 of the Business and Professions Code is repealed.

SEC. 13. Section 1750.4 is added to the Business and Professions Code, to read:

1750.4. (a) On and after January 1, 2010, the board may issue a dental sedation assistant permit to a person who files a completed application including a fee and provides evidence, satisfactory to the board, of all of the following eligibility requirements:

(1) Completion of at least 12 months of work experience as a dental assistant.

(2) Successful completion of a board-approved course in the Dental Practice Act and a board-approved, course in infection control.

(3) Successful completion of a course in basic life support offered by an instructor approved by the American Red Cross or the American Heart Association, or any other course approved by the board as equivalent.

(4) Successful completion of a board-approved dental sedation assistant course, which may commence after the completion of six months of work experience as a dental assistant.

(5) Passage of a written examination administered by the board after completion of all of the other requirements of this subdivision. The written examination shall encompass the knowledge, skills, and abilities necessary to competently perform the duties specified in Section 1750.5.

(b) A person who holds a permit pursuant to this section shall be subject to the continuing education requirements established by the board pursuant to Section 1645 and the renewal requirements of Article 6 (commencing with Section 1715).

SEC. 14. Section 1750.5 is added to the Business and Professions Code, to read:

1750.5. A person holding a dental sedation assistant permit pursuant to Section 1750.4 may perform the following duties under the direct supervision of a licensed dentist or other licensed health care professional authorized to administer conscious sedation or general anesthesia in the dental office:

(a) All duties that a dental assistant is allowed to perform.

(b) Monitor patients undergoing conscious sedation or general anesthesia utilizing data from noninvasive instrumentation such as pulse oximeters,

electrocardiograms, capnography, blood pressure, pulse, and respiration rate monitoring devices. Evaluation of the condition of a sedated patient shall remain the responsibility of the dentist or other licensed health care professional authorized to administer conscious sedation or general anesthesia, who shall be at the patient's chairside while conscious sedation or general anesthesia is being administered.

(c) Drug identification and draw, limited to identification of appropriate medications, ampule and vial preparation, and withdrawing drugs of correct amount as verified by the supervising licensed dentist.

(d) Add drugs, medications, and fluids to intravenous lines using a syringe, provided that a supervising licensed dentist is present at the patient's chairside, limited to determining patency of intravenous line, selection of injection port, syringe insertion into injection port, occlusion of intravenous line and blood aspiration, line release and injection of drugs for appropriate time interval. The exception to this duty is that the initial dose of a drug or medication shall be administered by the supervising licensed dentist.

(e) Removal of intravenous lines.

(f) Any additional duties that the board may prescribe by regulation.

(g) The duties listed in subdivisions (b) to (e), inclusive, may not be performed in any setting other than a dental office or dental clinic.

SEC. 15. Section 1751 of the Business and Professions Code, as amended by Section 13 of Chapter 588 of the Statutes of 2007, is repealed.

SEC. 16. Section 1751 is added to the Business and Professions Code, to read:

1751. (a) At least once every seven years, the board shall review the allowable duties for dental assistants, registered dental assistants, registered dental assistants in extended functions, dental sedation assistant permitholders, and orthodontic assistant permitholders, the supervision level for these categories, and the settings under which these duties may be performed, and shall update the regulations as necessary to keep them current with the state of the dental practice.

(b) This section shall become operative on January 1, 2010.

SEC. 17. Section 1751.1 of the Business and Professions Code is repealed.

SEC. 18. Section 1752 of the Business and Professions Code, as amended by Section 14 of Chapter 588 of the Statutes of 2007, is repealed.

SEC. 19. Section 1752 of the Business and Professions Code, as amended by Section 15 of Chapter 588 of the Statutes of 2007, is repealed.

SEC. 20. Section 1752.1 of the Business and Professions Code is amended to read:

1752.1. (a) The board may license as a registered dental assistant a person who files an application and submits written evidence, satisfactory to the board, of one of the following eligibility requirements:

(1) Graduation from an educational program in registered dental assisting approved by the board, and satisfactory performance on a written and practical examination administered by the board.

(2) For individuals applying prior to January 1, 2010, evidence of completion of satisfactory work experience of at least 12 months as a dental assistant in California or another state and satisfactory performance on a written and practical examination administered by the board.

(3) For individuals applying on or after January 1, 2010, evidence of completion of satisfactory work experience of at least 15 months as a dental assistant in California or another state and satisfactory performance on a written and practical examination administered by the board.

(b) For purposes of this section, “satisfactory work experience” means performance of the duties specified in Section 1750.1 in a competent manner as determined by the employing dentist, who shall certify to such satisfactory work experience in the application.

(c) The board shall give credit toward the work experience referred to in this section to persons who have graduated from a dental assisting program in a postsecondary institution approved by the Department of Education or in a secondary institution, regional occupational center, or regional occupational program, that are not, however, approved by the board pursuant to subdivision (a). The credit shall equal the total weeks spent in classroom training and internship on a week-for-week basis. The board, in cooperation with the Superintendent of Public Instruction, shall establish the minimum criteria for the curriculum of nonboard-approved programs. Additionally, the board shall notify those programs only if the program’s curriculum does not meet established minimum criteria, as established for board-approved registered dental assistant programs, except any requirement that the program be given in a postsecondary institution. Graduates of programs not meeting established minimum criteria shall not qualify for satisfactory work experience as defined by this section.

(d) In addition to the requirements specified in subdivision (a), each applicant for registered dental assistant licensure on or after July 1, 2002, shall provide evidence of having successfully completed board-approved courses in radiation safety and coronal polishing as a condition of licensure. The length and content of the courses shall be governed by applicable board regulations.

(e) In addition to the requirements specified in subdivisions (a) and (d), individuals applying for registered dental assistant licensure on or after January 1, 2010, shall demonstrate satisfactory performance on a written examination in law and ethics administered by the board and shall provide written evidence of successful completion within five years prior to application of all of the following:

(1) A board-approved course in the Dental Practice Act.

(2) A board-approved course in infection control.

(3) A course in basic life support offered by an instructor approved by the American Red Cross or the American Heart Association, or any other course approved by the board as equivalent.

(f) A registered dental assistant may apply for an orthodontic assistant permit or a dental sedation assistant permit, or both, by submitting written evidence of the following:

(1) Successful completion of a board-approved orthodontic assistant or dental sedation assistant course, as applicable.

(2) Passage of a written examination administered by the board that shall encompass the knowledge, skills, and abilities necessary to competently perform the duties of the particular permit.

(g) A registered dental assistant with permits in either orthodontic assisting or dental sedation assisting shall be referred to as an “RDA with orthodontic assistant permit,” or “RDA with dental sedation assistant permit,” as applicable. These terms shall be used for reference purposes only and do not create additional categories of licensure.

(h) Completion of the continuing education requirements established by the board pursuant to Section 1645 by a registered dental assistant who also holds a permit as an orthodontic assistant or dental sedation assistant shall fulfill the continuing education requirements for the permit or permits.

SEC. 21. Section 1752.2 of the Business and Professions Code is repealed.

SEC. 22. Section 1752.3 is added to the Business and Professions Code, to read:

1752.3. (a) On and after January 1, 2010, the written examination for registered dental assistant licensure required by Section 1752.1 shall comply with Section 139.

(b) On and after January 1, 2010, the practical examination for registered dental assistant licensure required by Section 1752.1 shall consist of three of the procedures described in paragraphs (1) to (4), inclusive. The specific procedures shall be assigned by a registered dental assistant examination committee appointed by the board and shall be graded by examiners appointed by the board. The procedures shall be performed on a fully articulated maxillary and mandibular typodont secured with a bench clamp. Each applicant shall furnish the required materials necessary to complete the examination.

(1) Place a base or liner.

(2) Place, adjust, and finish a direct provisional restoration.

(3) Fabricate and adjust an indirect provisional restoration.

(4) Cement an indirect provisional restoration.

SEC. 23. Section 1752.4 is added to the Business and Professions Code, to read:

1752.4. (a) A registered dental assistant may perform all of the following duties:

(1) All duties that a dental assistant is allowed to perform.

(2) Mouth-mirror inspections of the oral cavity, to include charting of obvious lesions, existing restorations, and missing teeth.

(3) Apply and activate bleaching agents using a nonlaser light-curing device.

(4) Use of automated caries detection devices and materials to gather information for diagnosis by the dentist.

(5) Obtain intraoral images for computer-aided design (CAD), milled restorations.

- (6) Pulp vitality testing and recording of findings.
 - (7) Place bases, liners, and bonding agents.
 - (8) Chemically prepare teeth for bonding.
 - (9) Place, adjust, and finish direct provisional restorations.
 - (10) Fabricate, adjust, cement, and remove indirect provisional restorations, including stainless steel crowns when used as a provisional restoration.
 - (11) Place post-extraction dressings after inspection of the surgical site by the supervising licensed dentist.
 - (12) Place periodontal dressings.
 - (13) Dry endodontically treated canals using absorbent paper points.
 - (14) Adjust dentures extra-orally.
 - (15) Remove excess cement from surfaces of teeth with a hand instrument.
 - (16) Polish coronal surfaces of the teeth.
 - (17) Place ligature ties and archwires.
 - (18) Remove orthodontic bands.
 - (19) All duties that the board may prescribe by regulation.
- (b) A registered dental assistant may only perform the following additional duties if he or she has completed a board-approved registered dental assistant educational program in those duties, or if he or she has provided evidence, satisfactory to the board, of having completed a board-approved course in those duties.
- (1) Remove excess cement with an ultrasonic scaler from supragingival surfaces of teeth undergoing orthodontic treatment.
 - (2) The allowable duties of an orthodontic assistant permitholder as specified in Section 1750.3. A registered dental assistant shall not be required to complete further instruction in the duties of placing ligature ties and archwires, removing orthodontic bands, and removing excess cement from tooth surfaces with a hand instrument.
 - (3) The allowable duties of a dental sedation assistant permitholder as specified in Section 1750.5.
 - (4) The application of pit and fissure sealants.
- (c) Except as provided in Section 1777, the supervising licensed dentist shall be responsible for determining whether each authorized procedure performed by a registered dental assistant should be performed under general or direct supervision.
- (d) This section shall become operative on January 1, 2010.
- SEC. 24. Section 1752.5 of the Business and Professions Code is repealed.
- SEC. 25. Section 1752.6 of the Business and Professions Code is repealed.
- SEC. 26. Section 1752.6 is added to the Business and Professions Code, to read:
- 1752.6. A registered dental assistant licensed on and after January 1, 2010, shall provide evidence of successful completion of a board-approved course in the application of pit and fissure sealants prior to the first expiration of his or her license that requires the completion of continuing education

as a condition of renewal. The license of a registered dental assistant who does not provide evidence of successful completion of that course shall not be renewed until evidence of course completion is provided.

SEC. 27. Section 1753 of the Business and Professions Code is repealed.

SEC. 28. Section 1753 is added to the Business and Professions Code, to read:

1753. (a) On and after January 1, 2010, the board may license as a registered dental assistant in extended functions a person who submits written evidence, satisfactory to the board, of all of the following eligibility requirements:

(1) Current licensure as a registered dental assistant or completion of the requirements for licensure as a registered dental assistant.

(2) Successful completion of a board-approved course in the application of pit and fissure sealants.

(3) Successful completion of either of the following:

(A) An extended functions postsecondary program approved by the board in all of the procedures specified in Section 1753.5.

(B) An extended functions postsecondary program approved by the board to teach the duties that registered dental assistants in extended functions were allowed to perform pursuant to board regulations prior to January 1, 2010, and a course approved by the board in the procedures specified in paragraphs (1), (2), (5), and (7) to (11), inclusive, of subdivision (b) of Section 1753.5.

(4) Passage of a written examination and a clinical or practical examination administered by the board. The board shall designate whether the written examination shall be administered by the board or by the board-approved extended functions program.

(b) A registered dental assistant in extended functions may apply for an orthodontic assistant permit or a dental sedation assistant permit, or both, by providing written evidence of the following:

(1) Successful completion of a board-approved orthodontic assistant or dental sedation assistant course, as applicable.

(2) Passage of a written examination administered by the board that shall encompass the knowledge, skills, and abilities necessary to competently perform the duties of the particular permit.

(c) A registered dental assistant in extended functions with permits in either orthodontic assisting or dental sedation assisting shall be referred to as an “RDAEF with orthodontic assistant permit,” or “RDAEF with dental sedation assistant permit,” as applicable. These terms shall be used for reference purposes only and do not create additional categories of licensure.

(d) Completion of the continuing education requirements established by the board pursuant to Section 1645 by a registered dental assistant in extended functions who also holds a permit as an orthodontic assistant or dental sedation assistant shall fulfill the continuing education requirement for such permit or permits.

SEC. 29. Section 1753.1 of the Business and Professions Code is amended and renumbered to read:

1753.5. (a) A registered dental assistant in extended functions licensed on or after January 1, 2010, is authorized to perform all duties and procedures that a registered dental assistant is authorized to perform as specified in and limited by Section 1752.4, and those duties that the board may prescribe by regulation.

(b) A registered dental assistant in extended functions licensed on or after January 1, 2010, is authorized to perform the following additional procedures under direct supervision and pursuant to the order, control, and full professional responsibility of a licensed dentist:

(1) Conduct preliminary evaluation of the patient's oral health, including, but not limited to, charting, intraoral and extra-oral evaluation of soft tissue, classifying occlusion, and myofunctional evaluation.

(2) Perform oral health assessments in school-based, community health project settings under the direction of a dentist, registered dental hygienist, or registered dental hygienist in alternative practice.

(3) Cord retraction of gingiva for impression procedures.

(4) Size and fit endodontic master points and accessory points.

(5) Cement endodontic master points and accessory points.

(6) Take final impressions for permanent indirect restorations.

(7) Take final impressions for tooth-borne removable prosthesis.

(8) Polish and contour existing amalgam restorations.

(9) Place, contour, finish, and adjust all direct restorations.

(10) Adjust and cement permanent indirect restorations.

(11) Other procedures authorized by regulations adopted by the board.

(c) All procedures required to be performed under direct supervision shall be checked and approved by the supervising licensed dentist prior to the patient's dismissal from the office.

SEC. 30. Section 1753.4 is added to the Business and Professions Code, to read:

1753.4. On and after January 1, 2010, each applicant for licensure as a registered dental assistant in extended functions shall successfully complete an examination consisting of the procedures described in subdivisions (a) and (b). On and after January 1, 2010, each person who holds a current and active registered dental assistant in extended functions license issued prior to January 1, 2010, who wishes to perform the duties specified in paragraphs (1), (2), (5), and (7) to (11), inclusive, of subdivision (b) of Section 1753.5, shall successfully complete an examination consisting of the procedures described in subdivision (b). The specific procedures shall be assigned by a registered dental assistant in extended functions examination committee appointed by the board and shall be graded by examiners appointed by the board. Each applicant shall furnish the required materials necessary to complete the examination.

(a) Successful completion of the following two procedures on a patient provided by the applicant. The prepared tooth, prior to preparation, shall have had mesial and distal contact. The preparation performed shall have margins at or below the free gingival crest and shall be one of the following:

$\frac{7}{8}$ crown, $\frac{3}{4}$ crown, or full crown, including porcelain fused to metal. Alginate impression materials alone shall not be acceptable:

- (1) Cord retraction of gingiva for impression procedures.
- (2) Take a final impression for a permanent indirect restoration.

(b) Successful completion of two of the following procedures on a simulated patient head mounted in appropriate position and accommodating an articulated typodont in an enclosed intraoral environment, or mounted on a dental chair in a dental operatory:

- (1) Place, condense, and carve an amalgam restoration.
- (2) Place and contour a nonmetallic direct restoration.
- (3) Polish and contour an existing amalgam restoration.

SEC. 31. Section 1753.5 of the Business and Professions Code is repealed.

SEC. 32. Section 1754 of the Business and Professions Code is amended and renumbered to read:

1752.4. (a) By September 15, 1993, the board, upon recommendation of the board and consistent with this article, standards of good dental practice, and the health and welfare of patients, shall adopt regulations relating to the functions that may be performed by registered dental assistants under direct or general supervision, and the settings within which registered dental assistants may work. At least once every seven years thereafter, the board shall review the allowable duties of registered dental assistants, the supervision level, and settings under which they may be performed, and shall update the regulations as needed to keep them current with the state of the practice.

(b) A registered dental assistant may apply pit and fissure sealants under the general supervision of a licensed dentist, after providing evidence to the board of having completed a board-approved course in that procedure.

(c) This section shall remain in effect only until January 1, 2010, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2010, deletes or extends that date.

SEC. 33. Section 1754.5 is added to the Business and Professions Code, to read:

1754.5. As used in this article, the following definitions shall apply:

(a) “Didactic instruction” means lectures, demonstrations, and other instruction without active participation by students. The approved provider or its designee may provide didactic instruction via electronic media, home study materials, or live lecture methodology if the provider has submitted that content for approval.

(b) “Laboratory instruction” means instruction in which students receive supervised experience performing procedures using study models, mannequins, or other simulation methods. There shall be at least one instructor for every 14 students who are simultaneously engaged in laboratory instruction.

(c) “Preclinical instruction” means instruction in which students receive supervised experience performing procedures on students, faculty, or staff

members. There shall be at least one instructor for every six students who are simultaneously engaged in preclinical instruction.

(d) "Clinical instruction" means instruction in which students receive supervised experience in performing procedures in a clinical setting on patients. Clinical instruction shall only be performed upon successful demonstration and evaluation of preclinical skills. There shall be at least one instructor for every six students who are simultaneously engaged in clinical instruction.

(E) This section shall remain in effect only until January 1, 2011, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2011, deletes or extends that date.

SEC. 34. Section 1755 is added to the Business and Professions Code, to read:

1755. (a) (1) The criteria in subdivisions (b) to (h), inclusive, shall be met by a dental assisting program or course and all orthodontic assisting and dental sedation assisting permit programs or courses to secure and maintain approval by the board as provided in this article.

(2) The board may approve, provisionally approve, or deny approval of any program or course.

(3) Program and course records shall be subject to inspection by the board at any time.

(4) The board may withdraw approval at any time that it determines that a program or course does not meet the requirements established in this section or any other requirements of law.

(5) All programs and courses shall be established at the postsecondary educational level or deemed equivalent thereto by the board.

(b) The program or course director shall possess a valid, active, and current license issued by the board. The program or course director shall actively participate in and be responsible for the day-to-day administration of the program or course, including the following requirements:

(1) Maintaining for a period of not less than five years copies of curricula, program outlines, objectives, and grading criteria, and copies of faculty credentials, licenses, and certifications, and individual student records, including those necessary to establish satisfactory completion of the program or course.

(2) Informing the board of any major change to the program or course content, physical facilities, or faculty, within 10 days of the change.

(3) Ensuring that all staff and faculty involved in clinical instruction meet the requirements set forth in this article.

(c) No faculty member shall instruct in any procedure that he or she is not licensed or permitted to perform. Each faculty member shall have been licensed or permitted for a minimum of two years and possess experience in the subject matter he or she is teaching.

(d) A certificate or other evidence of completion shall be issued to each student who successfully completes the program or course and shall include the student's name, the name of the program or course, the total number of

program or course hours, the date of completion, and the signature of the program or course director or his or her designee.

(e) Facilities and class scheduling shall provide each student with sufficient opportunity, with instructor supervision, to develop minimum competency in all duties for which the program or course is approved to instruct.

(1) The location and number of general use equipment and armamentaria shall ensure that each student has the access necessary to develop minimum competency in all of the duties for which the program or course is approved to instruct. The program or course provider may either provide the specified equipment and supplies or require that the student provide them. Nothing in this section shall preclude a dental office that contains the equipment required by this section from serving as a location for laboratory instruction.

(2) The minimum requirement for armamentaria includes infection control materials specified by the Division of Occupational Safety and Health and the regulations of the board, protective eyewear, mask, and gloves for each student and faculty member, and appropriate eye protection for each piece of equipment.

(3) Clinical instruction shall be of sufficient duration to allow the procedures to be performed to clinical proficiency. Operatories shall be sufficient in number to allow a ratio of at least one operatory for every five students who are simultaneously engaged in clinical instruction.

(A) Each operatory shall contain functional equipment, including a power-operated chair for treating patients in a supine position, operator and assistant stools, air-water syringe, adjustable light, oral evacuation equipment, work surface, and adjacent hand-washing sink.

(B) Each operatory shall be of sufficient size to simultaneously accommodate one student, one instructor, and one patient.

(f) The program or course shall establish written clinical and laboratory protocols to ensure adequate asepsis, infection, and hazard control and disposal of hazardous wastes, that comply with the board's regulations and other federal, state, and local requirements. The program or course shall provide these protocols to all students, faculty, and appropriate staff to ensure compliance with these protocols. Adequate space shall be provided for preparing and sterilizing all armamentarium. All reusable armamentarium shall be sterilized and nonreusable items properly disposed.

(g) A written policy on managing emergency situations shall be made available to all students, faculty, and staff. All faculty and staff involved in the direct provision of patient care shall be certified in basic life support procedures, including cardiopulmonary resuscitation. Recertification intervals may not exceed two years. The program or course director shall ensure and document compliance by faculty and staff. A program or course shall not be required to ensure that students complete instruction in basic life support prior to performing procedures on patients.

(h) A detailed program or course outline shall clearly state curriculum subject matter and specific instruction hours in the individual areas of didactic, laboratory, and clinical instruction. General program or course

objectives and specific instructional unit objectives shall be stated in writing, and shall include theoretical aspects of each subject as well as practical application. Objective evaluation criteria shall be used for measuring student progress toward attainment of specific program or course objectives. Students shall be provided with all of the following:

(1) Specific unit objectives and the evaluation criteria that will be used for all aspects of the curriculum including written, practical, and clinical examinations.

(2) Standards of performance that state the minimum number of satisfactory performances that are required for each procedure.

(3) Standards of performance for laboratory, preclinical, and clinical functions, those steps that constitute a critical error and would cause the student to fail the procedure, and a description of each of the grades that may be assessed for each procedure.

(i) (1) If an extramural clinical facility is utilized, students shall, as part of an extramural organized program of instruction, be provided with planned, supervised clinical instruction. Laboratory and preclinical instruction shall be performed under the direct supervision of program or course faculty and shall not be provided in extramural facilities.

(2) The program or course director, or a designated faculty member, shall be responsible for selecting extramural clinical sites and evaluating student competence in performing procedures both before and after the clinical assignment.

(3) The program or course director, or a designated faculty member, shall orient dentists who intend to provide extramural clinical facilities prior to the student assignment. Orientation shall include the objectives of the program or course, the student's preparation for the clinical assignment, and a review of procedures and criteria to be used by the dentist in evaluating the student during the assignment. The program or course faculty and extramural clinic personnel shall use the same objective evaluation criteria.

(4) There shall be a written contract of affiliation with each extramural clinical facility, which shall describe the settings in which the clinical training will be received, and affirm that the dentist and clinic personnel acknowledge the legal scope of duties and infection control requirements, that the clinical facility has the necessary equipment and armamentaria appropriate for the procedures to be performed, and that the equipment and armamentaria are in safe operating condition.

(j) Any additional requirements that the board may prescribe by regulation.

(k) This section shall remain in effect only until January 1, 2011, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2011, deletes or extends that date.

SEC. 35. Section 1756 of the Business and Professions Code is amended and renumbered to read:

1753.1. (a) The board may license as a registered dental assistant in extended functions a person who satisfies all of the following eligibility requirements:

- (1) Status as a registered dental assistant.
 - (2) Completion of clinical training approved by the board in a facility affiliated with a dental school under the direct supervision of the dental school faculty.
 - (3) Satisfactory performance on an examination required by the board.
- (b) This section shall remain in effect only until January 1, 2010, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2010, deletes or extends that date.

SEC. 36. Section 1756 is added to the Business and Professions Code, to read:

1756. In addition to the requirements of Section 1755, the following criteria shall be met by a course in infection control, as required in Sections 1750, 1750.2, 1750.4, and 1752.1, to secure and maintain approval by the board:

(a) Adequate provisions for the supervision and operation of the course in infection control shall be made. Notwithstanding Section 1755, faculty shall not be required to be licensed by the board, but faculty shall have experience in the instruction of the infection control regulations and guidelines issued by the board and the Division of Occupational Safety and Health (Cal-DOSH). In addition to the requirements of Section 1755, all faculty responsible for clinical evaluation shall have completed a two-hour methodology course in clinical evaluation.

(b) A course in infection control shall be of sufficient duration for the student to develop minimum competency in all aspects of infection control regulations and guidelines issued by the board and Cal-DOSH, but in no event less than eight hours, including at least four hours of didactic instruction, at least two hours of laboratory or preclinical instruction, and at least two hours of clinical instruction. Preclinical instruction shall utilize instruments, surfaces, and situations where contamination is simulated, without actual contamination, from bloodborne and other pathogens being present.

(c) The minimum requirements for equipment and armamentaria shall include personal protective equipment, FDA-approved sterilizer, ultrasonic unit or instrument processing device, sharps container, selection of instruments, equipment, and armamentaria that are necessary to instruct or demonstrate proper hazardous waste disposal, consistent with Cal-DOSH regulations, local, state, and federal mandates, and all other armamentaria required to instruct or properly demonstrate the subjects described in the course content.

(d) Areas of instruction shall include, at a minimum, the instruction specified in subdivisions (e) and (f).

(e) Didactic instruction shall include, at a minimum, the following as they relate to the infection control regulations of the board and of Cal-DOSH:

- (1) Basic dental science and microbiology as they relate to infection control in dentistry.
- (2) Legal and ethical aspects of infection control procedures.

(3) Terms and protocols specified in the regulations of the board regarding the minimum standards for infection control.

(4) Principles of modes of disease transmission and prevention.

(5) Principles, techniques, and protocols of hand hygiene, personal protective equipment, surface barriers and disinfection, sterilization, sanitation, and hazardous chemicals associated with infection control.

(6) Principles and protocols of sterilizer monitoring and the proper loading, unloading, storage, and transportation of instruments to work area.

(7) Principles and protocols associated with sharps management.

(8) Principles and protocols of infection control for laboratory areas.

(9) Principles and protocols of waterline maintenance.

(10) Principles and protocols of regulated and nonregulated waste management.

(11) Principles and protocols related to injury and illness prevention, hazard communication, general office safety, exposure control, postexposure requirements, and monitoring systems for radiation safety and sterilization systems.

(f) Preclinical instruction shall include three experiences in the following areas, with one used for a practical examination. Clinical instruction shall include two experiences in the following areas, with one used for a clinical examination:

(1) Apply hand cleansing products and perform hand cleansing techniques and protocols.

(2) Apply, remove, and dispose of patient treatment gloves, utility gloves, overgloves, protective eyewear, masks, and clinical attire.

(3) Apply the appropriate techniques and protocols for the preparation, sterilization, and storage of instruments including, at a minimum, application of personal protective equipment, precleaning, ultrasonic cleaning, rinsing, sterilization wrapping, internal or external process indicators, labeling, sterilization, drying, storage, and delivery to work area.

(4) Preclean and disinfect contaminated operatory surfaces and devices, and properly use, place, and remove surface barriers.

(5) Maintain sterilizer including, at a minimum, proper instrument loading and unloading, operation cycle, spore testing, and handling and disposal of sterilization chemicals.

(6) Apply work practice controls as they relate to the following classification of sharps: anesthetic needles or syringes, orthodontic wires, and broken glass.

(7) Apply infection control protocol for the following laboratory devices: impressions, bite registrations, and prosthetic appliances.

(8) Perform waterline maintenance, including use of water tests and purging of waterlines.

(g) Each student shall pass a written examination that reflects the curriculum content, which may be administered at intervals throughout the course as determined by the course director.

(h) This section shall remain in effect only until January 1, 2011, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2011, deletes or extends that date.

SEC. 37. Section 1756.1 is added to the Business and Professions Code, to read:

1756.1. In addition to the requirements of Section 1755, the following criteria shall be met by a orthodontic assistant permit course to secure and maintain approval by the board. The board may approve orthodontic assistant permit courses prior to January 1, 2010, and recognize the completion of orthodontic assistant permit courses by students prior to January 1, 2010, but the board may not issue an orthodontic assistant permit to students graduating from orthodontic assistant permit courses until on or after January 1, 2010.

(a) The course shall be of sufficient duration for the student to develop minimum competence in all of the duties that orthodontic assistant permitholders are authorized to perform, but in no event less than 84 hours, including at least 24 hours of didactic instruction, at least 28 hours of laboratory instruction, and at least 32 hours of clinical instruction.

(b) The minimum requirements for equipment and armamentaria shall include banded or bonded orthodontic typodonts in the ratio of at least one for every four students, bench mount or dental chair mounted mannequin head, curing light, regular typodont with full dentition and soft gingiva in the ratio of at least one for every four students, and a selection of orthodontic instruments and adjunct material for all of the procedures that orthodontic assistant permitholders are authorized to perform.

(c) All faculty responsible for clinical evaluation shall have completed a two-hour methodology course in clinical evaluation prior to conducting clinical evaluations of students.

(d) Areas of instruction shall include, at a minimum, the instruction specified in subdivisions (e) to (j), inclusive. In addition to the requirements of those subdivisions, instruction shall include basic background information on orthodontic practice, including orthodontic treatment review, charting, patient education, and legal and infection control requirements as they apply to orthodontic practice.

(e) The following requirements shall be met for sizing, fitting, cementing, and removing orthodontic bands:

(1) Didactic instruction shall include the following:

(A) Theory of band positioning and tooth movement.

(B) Characteristics of band material including malleability, stiffness, ductility, and work hardening.

(C) Techniques for orthodontic banding and removal, including all of the following:

(i) Armamentaria.

(ii) General principles of fitting and removing bands.

(iii) Normal placement requirements of brackets, tubes, lingual sheaths, lingual cleats, and buttons onto bands.

(iv) Orthodontic cements and adhesive materials: classifications, armamentaria, and mixing technique.

(v) Cementing bands: armamentaria, mixing technique, and band cementation procedures.

(vi) Procedure for removal of bands after cementation.

(2) Laboratory instruction shall include typodont experience in the sizing, fitting, cementing, and removal of four posterior first molar bands a minimum of two times, with the cementing and removal of two first molar bands used as a practical examination.

(3) Clinical instruction shall include the sizing, fitting, cementing, and removal of four posterior first molar bands on at least two patients.

(f) The following requirements shall be met for preparing teeth for bonding:

(1) Didactic instruction shall include the following: chemistry of etching materials and tooth surface preparation, application and time factors, armamentaria, and techniques for tooth etching.

(2) Laboratory instruction shall include typodont experience with etchant application in preparation for subsequent bracket bonding on four anterior and four posterior teeth a minimum of four times each, with one of each of the four times used for a practical examination.

(3) Clinical instruction shall include etchant application in preparation for bracket bonding on anterior and posterior teeth on at least two patients.

(g) The following requirements shall be met for bracket positioning, bond curing, and removal of orthodontic brackets.

(1) Didactic instruction shall include the following:

(A) Characteristics and methods of orthodontic bonding.

(B) Armamentaria.

(C) Types of bracket bonding surfaces.

(D) Bonding material characteristics, application techniques, and curing time factors.

(E) Procedure for direct and indirect bracket bonding.

(F) Procedures for bracket or tube removal.

(2) Laboratory instruction shall include typodont experience with selecting, prepositioning, tooth etching, positioning, curing and removing of four anterior and four posterior brackets a minimum of four times each, with one each of the four times used for a practical examination.

(3) Clinical instruction shall include selecting, adjusting, prepositioning, etching, curing and removal of anterior and posterior brackets on at least two patients.

(h) The following requirements shall be met for archwire placement and ligation:

(1) Didactic instruction shall include the following:

(A) Archwire characteristics.

(B) Armamentaria.

(C) Procedures for placement of archwire previously adjusted by the dentist.

(D) Ligature systems, purpose and types, including elastic, wire, and self-ligating.

(2) Laboratory instruction shall include typodont experience on the following:

(A) The insertion of a preformed maxillary and mandibular archwire a minimum of four times per arch, with one of each of the four times used for a practical examination.

(B) Ligation of maxillary and mandibular archwire using elastic or metal ligatures or self-ligating brackets a minimum of four times per arch, with one of each of the four times used for a practical examination.

(3) Clinical instruction shall include the following:

(A) Insertion of a preformed maxillary and mandibular archwire on at least two patients.

(B) Ligating both preformed maxillary and mandibular archwires using a combination of elastic and metal ligatures or self-ligating brackets on at least two patients for each.

(i) The following requirements shall be met for cement removal with a hand instrument:

(1) Didactic instruction shall include, armamentaria and techniques of cement removal using hand instruments and related materials.

(2) Laboratory instruction shall include typodont experience on the removal of excess cement supragingivally from an orthodontically banded typodont using a hand instrument four times, with one of the four times used for a practical examination.

(3) Clinical instruction shall include removal of excess cement supragingivally from orthodontic bands with a hand instrument on at least two patients.

(j) Instruction for cement removal with an ultrasonic scaler shall be in accordance with the regulations of the board governing courses in the removal of excess cement from teeth under orthodontic treatment with an ultrasonic scaler.

(k) Each student shall pass a written examination that reflects the curriculum content, which may be administered at intervals throughout the course as determined by the course director.

(l) This section shall remain in effect only until January 1, 2011, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2011, deletes or extends that date.

SEC. 38. Section 1756.2 is added to the Business and Professions Code, to read:

1756.2. In addition to the requirements of Section 1755, the following criteria shall be met by a dental sedation assistant permit course to secure and maintain approval by the board. The board may approve a dental sedation assistant permit course prior to January 1, 2010, and recognize the completion of these courses by students prior to January 1, 2010, but the board may not issue a dental sedation assistant permit to students graduating from dental sedation assistant permit courses until on or after January 1, 2010. As used in this section, "IV" means "intravenous."

(a) (1) The course director or faculty may, in lieu of a license issued by the board, possess a valid, active, and current license issued in California as a certified registered nurse anesthetist or a physician and surgeon.

(2) All faculty responsible for clinical evaluation shall have completed a two-hour methodology course in clinical evaluation prior to conducting clinical evaluations of students.

(b) The course shall be of a sufficient duration for the student to develop minimum competence in all of the duties that dental sedation assistant permitholders are authorized to perform, but in no event less than 110 hours, including at least 40 hours of didactic instruction, at least 32 hours of combined laboratory and preclinical instruction, and at least 38 hours of clinical instruction.

(c) (1) The following are minimum requirements for equipment and armamentaria: one pulse oximeter for each six students; one automated external defibrillator (AED) or AED trainer; one capnograph or teaching device for monitoring of end tidal CO₂; blood pressure cuff and stethoscope for each six students; one pretracheal stethoscope for each six students; one electrocardiogram machine, one automatic blood pressure/pulse measuring system/machine, and one oxygen delivery system including oxygen tank; one IV start kit for each student; one venous access device kit for each student; IV equipment and supplies for IV infusions including hanging device infusion containers and tubing for each six students; one sharps container for each six students; packaged syringes, needles, needleless devices, practice fluid ampules and vials for each student; stopwatch or timer with second hand for each six students; one heart/lung sounds mannequin or teaching device; tonsillar or pharyngeal suction tip, endotracheal tube forceps, endotracheal tube and appropriate connectors, suction equipment for aspiration of oral and pharyngeal cavities, and laryngoscope in the ratio of at least one for each six students; any other monitoring or emergency equipment that the regulations of the board require for the administration of general anesthesia or conscious sedation; and a selection of instruments and supplemental armamentaria for all of the procedures that dental sedation assistant permitholders are authorized to perform.

(2) Each operatory used for preclinical or clinical training shall contain either a surgery table or a power-operated chair for treating patients in a supine position, an irrigation system or sterile water delivery system as they pertain to the specific practice, and all other equipment and armamentarium required to instruct in the duties that dental sedation assistant permitholders are authorized to perform.

(3) All students, faculty, and staff involved in the direct provision of patient care shall be certified in basic life support procedures, including the use of an automatic electronic defibrillator.

(d) Areas of instruction shall include, at a minimum, the instruction specified in subdivisions (e) to (n), inclusive, as they relate to the duties that dental sedation assistant permitholders are authorized to perform.

(e) General didactic instruction shall include:

(1) Patient evaluation and selection factors through review of medical history, physical assessment, and medical consultation.

(2) Characteristics of anatomy and physiology of the circulatory, cardiovascular, and respiratory systems, and the central and peripheral nervous system.

(3) Characteristics of anxiety management related to the surgical patient, relatives, and escorts, and characteristics of anxiety and pain reduction techniques.

(4) Overview of the classification of drugs used by patients for cardiac disease, respiratory disease, hypertension, diabetes, neurological disorders, and infectious diseases.

(5) Overview of techniques and specific drug groups utilized for sedation and general anesthesia.

(6) Definitions and characteristics of levels of sedation achieved with general anesthesia and sedative agents, including the distinctions between conscious sedation, deep sedation, and general anesthesia.

(7) Overview of patient monitoring during conscious sedation and general anesthesia.

(8) Prevention, recognition, and management of complications.

(9) Obtaining informed consent.

(f) (1) With respect to medical emergencies, didactic instruction shall include an overview of medical emergencies, including, but not limited to, airway obstruction, bronchospasm or asthma, laryngospasm, allergic reactions, syncope, cardiac arrest, cardiac dysrhythmia, seizure disorders, hyperglycemia and hypoglycemia, drug overdose, hyperventilation, acute coronary syndrome including angina and myocardial infarction, hypertension, hypotension, stroke, aspiration of vomitus, and congestive heart failure.

(2) Laboratory instruction shall include the simulation and response to at least the following medical emergencies: airway obstruction, bronchospasm, emesis and aspiration of foreign material under anesthesia, angina pectoris, myocardial infarction, hypotension, hypertension, cardiac arrest, allergic reaction, convulsions, hypoglycemia, syncope, and respiratory depression. Both training mannequins and other students or staff may be used for simulation. Instruction shall include at least two experiences each, one of each of which shall be used for a practical examination.

(g) With respect to sedation and the pediatric patient, didactic instruction shall include the following:

(1) Psychological considerations.

(2) Patient evaluation and selection factors through review of medical history, physical assessment, and medical consultation.

(3) Definitions and characteristics of levels of sedation achieved with general anesthesia and sedative agents, with special emphasis on the distinctions between conscious sedation, deep sedation, and general anesthesia.

(4) Review of respiratory and circulatory physiology and related anatomy, with special emphasis on establishing and maintaining a patent airway.

(5) Overview of pharmacology agents used in contemporary sedation and general anesthesia.

(6) Patient monitoring.

(7) Obtaining informed consent.

(8) Prevention, recognition, and management of complications, including principles of basic life support.

(h) With respect to physically, mentally, and neurologically compromised patients, didactic instruction shall include the following: an overview of characteristics of Alzheimer's disease, autism, cerebral palsy, Down's syndrome, mental retardation, multiple sclerosis, muscular dystrophy, Parkinson's disease, schizophrenia, and stroke.

(i) With respect to health history and patient assessment, didactic instruction shall include, but not be limited to, the recording of the following:

(1) Age, sex, weight, physical status (American Society of Anesthesiologists Classification), medication use, general health, any known or suspected medically compromising conditions, rationale for anesthesia or sedation of the patient, visual examination of the airway, and auscultation of the heart and lungs as medically required.

(2) General anesthesia or conscious sedation records including a time-oriented record with preoperative, multiple intraoperative, and postoperative pulse oximetry and blood pressure and pulse readings, amounts of time of drug administration, length of procedure, complications of anesthesia or sedation, and a statement of the patient's condition at time of discharge.

(j) With respect to monitoring heart sounds with pretracheal/precordial stethoscope and ECG/EKG and use of AED:

(1) Didactic instruction shall include the following:

(A) Characteristics of pretracheal/precordial stethoscope.

(B) Review of anatomy and physiology of circulatory system: heart, blood vessels, and cardiac cycle as it relates to EKG.

(C) Characteristics of rhythm interpretation and waveform analysis basics.

(D) Characteristics of manual intermittent and automatic blood pressure and pulse assessment.

(E) Characteristics and use of an AED.

(F) Procedure for using a pretracheal/precordial stethoscope for monitoring of heart sounds.

(G) Procedure for use and monitoring of the heart with an ECG/EKG machine, including electrode placement, and the adjustment of such equipment.

(H) Procedure for using manual and automatic blood pressure/pulse/respiration measuring system.

(2) Preclinical instruction shall include at least three experiences on another student or staff person for each of the following, one of each of which shall be used for an examination. Clinical instruction shall include at least three experiences on a patient for each of the following, one of each of which shall be used for a clinical examination:

(A) Assessment of blood pressure and pulse both manually and utilizing an automatic system.

(B) Placement and assessment of an electrocardiogram (ECG/EKG). Instruction shall include the adjustment of such equipment.

(C) Monitoring and assessment of heart sounds with a pretracheal/precordial stethoscope.

(D) Use of an AED or AED trainer.

(k) With respect to monitoring lung/respiratory sounds with pretracheal/precordial stethoscope and monitoring oxygen saturation end tidal CO₂ with pulse oximeter and capnograph:

(1) Didactic instruction shall include the following:

(A) Characteristics of pretracheal/precordial stethoscope, pulse oximeter and capnograph for respiration monitoring.

(B) Review of anatomy and physiology of respiratory system to include the nose, mouth, pharynx, epiglottis, larynx, trachea, bronchi, bronchioles, and alveolus.

(C) Characteristics of respiratory monitoring/lung sounds: mechanism of respiration, composition of respiratory gases, oxygen saturation.

(D) Characteristics of manual and automatic respiration assessment.

(E) Procedure for using a pretracheal/precordial stethoscope for respiration monitoring.

(F) Procedure for using and maintaining pulse oximeter for monitoring oxygen saturation.

(G) Procedure for use and maintenance of capnograph.

(H) Characteristics for monitoring blood and skin color and other related factors.

(I) Procedures and use of an oxygen delivery system.

(J) Characteristics of airway management to include armamentaria and use.

(2) Preclinical and clinical instruction shall include at least three experiences on a student or staff person for each of the following, one of each of which shall be used for an examination. Clinical instruction shall include at least three experiences on a patient for each of the following, one of which shall be used for a clinical examination:

(A) Assessment of respiration rates.

(B) Monitoring and assessment of lung sounds and ventilation with a pretracheal/precordial stethoscope.

(C) Monitoring oxygen saturation with a pulse oximeter.

(D) Use of an oxygen delivery system.

(l) With respect to drug identification and draw:

(1) Didactic instruction shall include:

(A) Characteristics of syringes and needles including use, types, gauges, lengths, and components.

(B) Characteristics of drug, medication, and fluid storage units, use, type, components, identification of label including generic and brand names, strength, potential adverse reactions, expiration date, and contraindications.

(C) Characteristics of drug draw including armamentaria, label verification, ampule and vial preparation, and drug withdrawal techniques.

(2) Laboratory instruction shall include at least three experiences in the withdrawal of fluids from a vial or ampule in the amount specified by faculty, one of which shall be for a practical examination.

(3) Clinical instruction shall include at least three experiences in the evaluation of vial or container labels for identification of content, dosage, and strength and in the withdrawal of fluids from a vial or ampule in the amount specified by faculty or the extramural facility dentist.

(m) With respect to adding drugs, medications, and fluids to IV lines:

(1) Didactic instruction shall include:

(A) Characteristics of adding drugs, medications, and fluids to IV lines in the presence of a licensed dentist.

(B) Armamentaria.

(C) Procedures for adding drugs, medications, and fluids, including amount and time intervals.

(D) Procedures for adding drugs, medications, and fluids by IV bolus.

(E) Characteristics of patient observation for signs and symptoms of drug response.

(2) Laboratory instruction shall include at least three experiences of adding fluids to an existing IV line on a venipuncture training arm or in a simulated environment, one of which shall be used for a practical examination.

(3) Clinical instruction shall include at least three experiences adding fluids to existing IV lines on at least three patients in the presence of a licensed dentist.

(n) With respect to the removal of IV lines:

(1) Didactic instruction shall include overview and procedures for the removal of an IV line.

(2) Laboratory instruction shall include at least three experiences on a venipuncture training arm or in a simulated environment for IV removal, one of which shall be used for a practical examination.

(3) Clinical instruction shall include at least three experiences removing IV lines on at least three patients in the presence of a licensed dentist.

(o) Each student shall pass a written examination that reflects the curriculum content, which may be administered at intervals throughout the course as determined by the course director.

(p) This section shall remain in effect only until January 1, 2011, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2011, deletes or extends that date.

SEC. 39. Section 1757 of the Business and Professions Code is amended and renumbered to read:

1753.6. (a) Each person who holds a license as a registered dental assistant in extended functions on the operative date of this section may only perform those procedures that a registered dental assistant is allowed to perform as specified in and limited by Section 1752.4, and the procedures specified in paragraphs (1) to (6), inclusive, until he or she provides evidence

of having completed a board-approved course in the additional procedures specified in paragraphs (1), (2), (5), and (7) to (11), inclusive, of subdivision (b) of Section 1753.5, and an examination as specified in Section 1753.4:

- (1) Cord retraction of gingiva for impression procedures.
- (2) Take final impressions for permanent indirect restorations.
- (3) Formulate indirect patterns for endodontic post and core castings.
- (4) Fit trial endodontic filling points.
- (5) Apply pit and fissure sealants.
- (6) Remove excess cement from subgingival tooth surfaces with a hand instrument.

(b) This section shall become operative on January 1, 2010.

SEC. 40. Section 1757 is added to the Business and Professions Code, to read:

1757. (a) A registered dental assistant program shall receive board approval prior to operation.

(1) In order for a registered dental assistant program to secure and maintain approval by the board, it shall meet the requirements of Section 1755 and the following requirements:

(A) Programs approved on or after January 1, 2009, shall meet all of the requirements of this section.

(B) Programs approved prior to January 1, 2009, shall meet all of the requirements of this section except as otherwise specified. Such a program shall continue to be approved only if it has certified to the board no later than April 30, 2009, on a form specified by the board, that it shall, no later than July 1, 2009, comply with all of the requirements of this section in providing instruction in all duties that registered dental assistants will be allowed to perform on and after January 1, 2010. The certification to the board shall contain the date on which the program will begin teaching those duties.

(2) A program shall notify the board in writing if it wishes to increase the maximum student enrollment for which it is approved and shall provide whatever additional documentation the board requires to reapprove the program for the increased enrollment prior to accepting additional students.

(3) The board may at any time conduct a thorough evaluation of an approved educational program's curriculum and facilities to determine whether the program meets the requirements for continued approval.

(4) The board may, in lieu of conducting its own investigation, accept the findings of any commission or accreditation agency approved by the board and adopt those findings as its own.

(b) Programs shall have an advisory committee consisting of an equal number of registered dental assistants and dentists, including at least two registered dental assistants and two dentists, all currently licensed by the board. The advisory committee shall meet at least once each academic year with the program director, faculty, and appropriate institutional personnel to monitor the ongoing quality and performance of the program. Programs that admit students at different phases shall meet at least twice each year.

(c) Adequate provision for the supervision and operation of the program shall be made. In addition to the requirements of Section 1755, the following requirements shall be met:

(1) Each program faculty member shall have successfully completed a board-approved course in the application of pit and fissure sealants.

(2) By January 1, 2010, each faculty member shall have completed a board-approved course in instructional methodology of at least 30 hours, unless he or she holds any one of the following: a postgraduate degree in education, a Ryan Designated Subjects Vocational Education Teaching Credential, a Standard Designated Subjects Teaching Credential, or, a Community College Teaching Credential. Each faculty member employed on or after January 1, 2010, shall complete a course in instructional methodology within six months of employment.

(3) The program director shall have teaching responsibilities that are less than those of a full-time faculty member. He or she shall actively participate in and be responsible for the day-to-day administration of the program including the following:

(A) Participating in budget preparation and fiscal administration, curriculum development and coordination, determination of teaching assignments, supervision and evaluation of faculty, establishment of mission criteria and procedures, design and operation of program facilities, and selection of extramural facilities and coordination of instruction in those facilities.

(B) Holding periodic faculty meetings to provide for subject matter correlation and curriculum evaluation, and coordinating activities of full-time, part-time, and volunteer faculty.

(C) Maintaining for not less than five years' copies of minutes of all advisory committee meetings.

(4) The owner or school administrator shall be responsible for the compliance of the program director with the provisions of this section and Section 1755.

(d) The program shall have sufficient financial resources available to support the program and to comply with this section. If the program or school requires approval by any other governmental agency, that approval shall be obtained prior to application to the board for approval and shall be maintained at all times. The failure to maintain that approval shall result in the automatic withdrawal of board approval of the program.

(e) The program shall be of sufficient duration for the student to develop minimum competence in performing dental assistant and registered dental assistant duties, but in no event less than 800 hours, including at least 275 hours of didactic instruction, at least 260 hours of laboratory instruction, and at least 85 hours of preclinical and clinical instruction conducted in the program's facilities under the direct supervision of program faculty. No more than 20 hours shall be devoted to instruction in clerical, administrative, practice management, or similar duties. A program approved prior to January 1, 2009, shall comply with board regulations with regard to required program hours until the date specified in the written certification from the program

to the board that it will begin teaching the duties that registered dental assistants will be authorized to perform on and after January 1, 2010.

(f) In addition to the requirements of Section 1755 with regard to extramural instruction, no more than 25 percent of the required clinical instruction shall take place in extramural clinical facilities, and no more than 25 percent of extramural clinical instruction shall take place in a speciality dental practice.

(g) Facilities and class scheduling shall provide each student with sufficient opportunity, with instructor supervision, to develop minimum competency in all duties that registered dental assistants are authorized to perform. The following requirements are in addition to those contained in Section 1755:

(1) The following are minimum requirements for equipment and armamentaria during laboratory, preclinical, and clinical sessions as appropriate to each type of session and in ratios specified in Section 1070.2 of Title 16 of the California Code of Regulations: amalgamator, model trimmers, dental rotary equipment, vibrators, light curing devices, functional typodont and bench mounts, functional orthodontically banded typodonts, facebows, automated blood pressure device, EKG machine, pulse oximeters, capnograph or simulated device, sets of hand instruments for each procedure, respiration device, camera for intraoral use, camera for extraoral use, CAD machine or simulated device, caries detection device, and all other equipment and armamentaria required to teach dental assistant and registered dental assistant duties.

(2) One permanently preassembled tray for each procedure shall be provided for reference purposes.

(3) Provision shall be made for reasonable access to current and diverse dental and medical reference texts, current journals, audiovisual materials, and other necessary resources. Library holdings, which may include access through the Internet, shall include materials relating to all subject areas of the program curriculum.

(4) Emergency materials shall include, but not be limited to, an oxygen tank that is readily available and functional. Medical materials for treating patients with life-threatening conditions shall be available for instruction and accessible to the operatories. Facilities that do not treat patients shall maintain a working model of a kit of such emergency materials for instructional purposes.

(h) The curriculum shall be established, reviewed, and amended as necessary to allow for changes in the practice of dentistry and registered dental assisting. Programs that admit students in phases shall provide students with basic instruction prior to participation in any other portion of the program that shall, at a minimum, include tooth anatomy, tooth numbering, general program guidelines and safety precautions, and infection control and sterilization protocols associated with and required for patient treatment. All programs shall provide students with additional instruction in the infection control regulations and guidelines of the board and Cal-DOSH prior to the student's performance of procedures on patients.

(i) (1) A program approved prior to January 1, 2009, shall comply with board regulations with regard to program content until the date specified in the written certification from the program to the board, as specified in subparagraph (B) of paragraph (1) of subdivision (a), after which time the program content shall meet the requirements of paragraph (2).

(2) Programs receiving initial approval on or after January 1, 2009, shall meet all the requirements of Section 1755, and subdivisions (j) and (k) of this section, and shall include the following additional content:

(A) A radiation safety course that meets all of the requirements of the regulations of the board.

(B) A coronal polishing course that meets all of the requirements of the regulations of the board.

(C) A pit and fissure sealant course that meets all of the requirements of the regulations of the board.

(D) A course in basic life support provided by an instructor approved by the American Red Cross or the American Heart Association, or any other course approved by the board as equivalent.

(3) On and after January 1, 2009, a program that desires to provide instruction in the following areas shall apply separately for approval to provide the following courses:

(A) A course in the removal of excess cement with an ultrasonic scaler, which course shall meet the requirements of the regulations of the board.

(B) An orthodontic assistant permit course that shall meet the requirements of Section 1756.1, except that a program shall not be required to obtain separate approval to teach the duties of placing ligature ties and archwires, removing orthodontic bands, and removing excess cement from surfaces of teeth with a hand instrument. Notwithstanding Section 1756.1, an orthodontic assistant permit course provided by a registered dental assistant program, to the students enrolled in such program, shall be no less than 60 hours, including at least 12 hours of didactic instruction, at least 26 hours of preclinical instruction, and at least 22 hours of clinical instruction.

(C) A dental sedation assistant permit course that shall meet the requirements of Section 1756.2.

(j) General didactic instruction shall include, at a minimum, the following:

(1) Principles of general anatomy, physiology, oral embryology, tooth histology, and head-neck anatomy.

(2) Principles of abnormal conditions related to and including oral pathology, orthodontics, periodontics, endodontics, pediatric dentistry, oral surgery, prosthodontics, and esthetic dentistry.

(3) Legal requirements and ethics related to scope of practice, unprofessional conduct, and, patient records and confidentiality.

(4) Principles of infection control and hazardous communication requirements in compliance with the board's regulations and other federal, state, and local requirements.

(5) Principles and federal, state, and local requirements related to pharmacology.

(6) Principles of medical-dental emergencies and first aid management, including symptoms and treatment.

(7) Principles of the treatment planning process including medical health history data collection, patient and staff confidentiality, and charting.

(8) Principles of record classifications including management, storage, and retention protocol for all dental records.

(9) Principles and protocols of special needs patient management.

(10) Principles, protocols, and armamentaria associated with all dental assisting chairside procedures.

(11) Principles, protocols, manipulation, use, and armamentaria for dental materials.

(12) Principles and protocols for oral hygiene preventative methods including, plaque identification, toothbrushing and flossing techniques, and nutrition.

(13) Principles, protocols, armamentaria, and procedures associated with operative and specialty dentistry.

(14) Principles, protocols, armamentaria, and procedures for each duty that dental assistants and registered dental assistants are allowed to perform.

(k) Laboratory and clinical instruction shall be of sufficient duration and content for each student to achieve minimum competence in the performance of each procedure that dental assistant and registered dental assistant is authorized to perform.

(l) Each student shall pass a written examination that reflects the curriculum content, which may be administered at intervals throughout the course as determined by the course director.

(m) This section shall remain in effect only until January 1, 2011, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2011, deletes or extends that date.

SEC. 41. Section 1758 is added to the Business and Professions Code, to read:

1758. (a) In addition to the requirements of Section 1755, the following criteria shall be met by an educational program for registered dental assistants in extended functions (RDAEF) to secure and maintain approval by the board. A program approved prior to January 1, 2009, shall comply with board regulations with regard to program content until the date specified in a written certification from the program to the board that it will begin teaching the duties that RDAEFs will be allowed to perform beginning January 1, 2010, which may include the instruction of existing RDAEFs in the additional duties specified in Section 1753.6. The certification shall be filed with the board no later than July 1, 2009, and the date on which the program shall comply with the program content specified in this section shall be no later than January 1, 2010.

(1) A program applying for approval to teach all of the duties specified in Section 1753.5 shall comply with all of the requirements of this section. The board may approve RDAEF programs prior to January 1, 2010, and recognize the completion of these approved programs by students prior to

January 1, 2010, but shall not issue a license to students graduating from such programs until on or after January 1, 2010.

(2) A program applying for approval to teach existing RDAEFs the additional duties specified in Section 1753.6 shall comply with all of the requirements of this section, except as follows:

(A) The program shall be no less than 288 hours, including at least 76 hours of didactic instruction, at least 180 hours of laboratory instruction, and at least 32 hours of clinical instruction.

(B) Students shall not be required to complete instruction related to the placement of gingival retraction cord, the taking of final impressions for permanent indirect restorations, or the fitting of master and accessory points.

(b) In order to be admitted to the program, each student shall possess a valid, active, and current license as a registered dental assistant issued by the board and shall provide evidence of successful completion of a board-approved pit and fissure sealant course.

(c) Adequate provision for the supervision and operation of the program shall be made. Notwithstanding the requirements of Section 1755, the program director and each faculty member of an approved RDAEF program shall possess a valid, active, and current license as a dentist or an RDAEF. In addition to the requirements of Section 1755, all faculty members responsible for clinical evaluation shall have completed a six-hour teaching methodology course in clinical evaluation prior to conducting clinical evaluations of students.

(d) The program shall be of sufficient duration for the student to develop minimum competence in all of the duties that RDAEFs are authorized to perform, but in no event less than 380 hours, including at least 100 hours of didactic instruction, at least 200 hours of laboratory instruction, and at least 80 hours of clinical instruction. All instruction shall be provided under the direct supervision of program staff.

(e) The following requirements are in addition to the requirements of Section 1755:

(1) The following are minimum requirements for equipment and armamentaria:

(A) Laboratory facilities with individual seating stations for each student and equipped with air, gas and air, or electric driven rotary instrumentation capability. Each station or operatory shall allow an articulated typodont to be mounted in a simulated head position.

(B) Clinical simulation facilities that provide simulated patient heads mounted in appropriate position and accommodating an articulated typodont in an enclosed intraoral environment, or mounted on a dental chair in a dental operatory. Clinical simulation spaces shall be sufficient to permit one simulation space for each two students at any one time.

(C) Articulated typodonts of both deciduous and permanent dentitions with flexible gingival tissues and with prepared teeth for each procedure to be performed in the laboratory and clinical simulation settings. One of each type of typodont is required for each student.

(D) A selection of restorative instruments and adjunct materials for all procedures that RDAEFs are authorized to perform.

(2) Notwithstanding Section 1755, there shall be at least one operator for every two students who are simultaneously engaged in clinical instruction.

(f) Areas of instruction shall include, at a minimum, the instruction specified in subdivisions (g) to (m), inclusive. In addition to the requirements of those subdivisions, didactic instruction shall include the following:

(1) The following instruction as it relates to each of the procedures that RDAEFs are authorized to perform: restorative and prosthetic treatment review; charting; patient education; legal requirements; indications and contraindications; problem solving techniques; laboratory, preclinical, and clinical criteria and evaluation; and infection control protocol implementation.

(2) Dental science, including dental and oral anatomy, histology, oral pathology, normal or abnormal anatomical and physiological tooth descriptions, tooth morphology, basic microbiology relating to infection control, and occlusion.

(3) Characteristics and manipulation of dental materials related to each procedure.

(4) Armamentaria for all procedures.

(5) Principles, techniques, criteria, and evaluation for performing each procedure, including implementation of infection control protocols.

(6) Occlusion: the review of articulation of maxillary and mandibular arches in maximum intercuspation.

(7) Tooth isolation and matrix methodology review.

(g) General laboratory instruction shall include:

(1) Rubber dam application for tooth isolation in both maxillary and mandibular arches and for deciduous and permanent dentitions. A minimum of four experiences per arch is required, with two anterior and two posterior applications, with one of the applications used for a practical examination.

(2) Matrix placement for amalgam, and nonmetallic restorative material restorations in both primary and permanent dentitions, with three experiences for each cavity classification and for each material.

(3) Base, liner, and etchant placement on three posterior teeth for each base, liner, or etchant, with one of the three teeth used for a practical examination.

(h) With respect to preliminary evaluation of the patient's oral health, including, but not limited to, charting, intraoral and extraoral evaluation of soft tissue, classifying occlusion, and myofunctional evaluation:

(1) Didactic instruction shall include the following:

(A) Normal anatomical structures: oral cavity proper, vestibule, and lips.

(B) Deviations from normal to hard tissue abnormalities to soft tissue abnormalities.

(C) Overview of classifications of occlusion and myofunction.

(D) Sequence of oral inspection: armamentaria, general patient assessment, review of medical history form, review of dental history form, oral cavity mouth-mirror inspection, and charting existing conditions.

(2) Preclinical instruction shall include performing an oral inspection on at least two other students.

(3) Clinical instruction shall include performing an oral inspection on at least two patients, with one of the two patients used for a clinical examination.

(i) With respect to sizing, fitting, and cementing endodontic master points and accessory points:

(1) Didactic instruction shall include the following:

(A) Review of objectives, canal preparation, filling of root canal space.

(B) Description and goals of filling technique using lateral condensation techniques.

(C) Principles and techniques of fitting, cementing master and accessory points using lateral condensation including, characteristics, manipulation, use of gutta percha and related materials, and criteria for an acceptable master and accessory points technique using lateral condensation.

(2) Laboratory instruction shall include fitting master and cementing cones on extracted teeth or assimilated teeth with canals, with two experiences each on a posterior and anterior tooth.

(j) With respect to gingival retraction, general instruction shall include:

(1) Review of characteristics of tissue management as it relates to gingival retraction with cord and electrosurgery.

(2) Description and goals of cord retraction.

(3) Principles of cord retraction, including characteristics and manipulation of epinephrine, chemical salts classification of cord, characteristics of single versus double cord technique, and techniques and criteria for an acceptable cord retraction technique.

(k) With respect to final impressions for permanent indirect and toothborne restorations:

(1) Didactic instruction shall include the following:

(A) Review of characteristics of impression material and custom.

(B) Description and goals of impression taking for permanent indirect restorations and toothborne prosthesis.

(C) Principles, techniques, criteria, and evaluation of impression taking for permanent indirect restorations and toothborne prosthesis.

(2) Laboratory instruction shall include the following:

(A) Cord retraction and final impressions for permanent indirect restorations, including impression taking of prepared teeth in maxillary and mandibular arches, one time per arch with elastomeric impression materials.

(B) Impressions for toothborne removable prostheses, including taking a total of four impressions on maxillary and mandibular arches with simulated edentulous sites and rest preparations on at least two supporting teeth in each arch.

(3) Clinical instruction shall include taking final impressions on five cord retraction patients, with one used for a clinical examination.

(l) With respect to placing, contouring, finishing, and adjusting direct restorations:

(1) Didactic instruction shall include the following:

(A) Review of cavity preparation factors and restorative material.

(B) Review of cavity liner, sedative, and insulating bases.

(C) Characteristics and manipulation of direct filling materials.

(D) Amalgam restoration placement, carving, adjusting and finishing, which includes principles, techniques, criteria and evaluation, and description and goals of amalgam placement, adjusting and finishing in children and adults.

(E) Glass-ionomer restoration placement, carving, adjusting, contouring and finishing, which includes, principles, techniques, criteria and evaluation, and description and goals of glass-ionomer placement and contouring in children and adults.

(F) Composite restoration placement, carving, adjusting, contouring and finishing in all cavity classifications, which includes, principles, techniques, criteria, and evaluation.

(2) Laboratory instruction shall include typodont experience on the following:

(A) Placement of Class I, II, and V amalgam restorations in eight prepared permanent teeth for each classification, and in four deciduous teeth for each classification.

(B) Placement of Class I, II, III, and V composite resin restorations in eight prepared permanent teeth for each classification, and in four deciduous teeth for each classification.

(C) Placement of Class I, II, III, and V glass-ionomer restorations in four prepared permanent teeth for each classification, and in four deciduous teeth for each classification.

(3) Clinical simulation and clinical instruction shall include experience with typodonts mounted in simulated heads on a dental chair or in a simulation laboratory as follows:

(A) Placement of Class I, II, and V amalgam restorations in four prepared permanent teeth for each classification, with one of each classification used for a clinical examination.

(B) Placement of Class I, II, III, and V composite resin restorations in four prepared permanent teeth for each classification, with one of each classification used for a clinical examination.

(C) Placement of Class I, II, III, and V glass-ionomer restorations in four prepared permanent teeth for each classification, with one of each classification used for a clinical examination.

(m) With respect to adjusting and cementing permanent indirect restorations:

(1) Didactic instruction shall include the following:

(A) Review of fixed prosthodontics related to classification and materials for permanent indirect restorations, general crown preparation for permanent indirect restorations, and laboratory fabrication of permanent indirect restorations.

(B) Interocclusal registrations for fixed prosthesis, including principles, techniques, criteria, and evaluation.

(C) Permanent indirect restoration placement, adjustment, and cementation, including principles, techniques, criteria, and evaluation.

(2) Laboratory instruction shall include:

(A) Interocclusal registrations using elastomeric and resin materials. Two experiences with each material are required.

(B) Fitting, adjustment, and cementation of permanent indirect restorations on one anterior and one posterior tooth for each of the following materials, with one of each type used for a practical examination: ceramic, ceramometal, and cast metallic.

(3) Clinical experience for interocclusal registrations shall be performed on four patients who are concurrently having final impressions recorded for permanent indirect restorations, with one experience used for a clinical examination.

(n) Each student shall pass a written examination that reflects the curriculum content, which may be administered at intervals throughout the course as determined by the course director.

(o) This section shall remain in effect only until January 1, 2011, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2011, deletes or extends that date.

SEC. 42. Section 1765 of the Business and Professions Code is amended to read:

1765. No person other than a licensed dental hygienist or a licensed dentist may engage in the practice of dental hygiene or perform dental hygiene procedures on patients, including, but not limited to, supragingival and subgingival scaling, dental hygiene assessment, and treatment planning, except for the following persons:

(a) A student enrolled in a dental or a dental hygiene school who is performing procedures as part of the regular curriculum of that program under the supervision of the faculty of that program.

(b) A dental assistant, registered dental assistant, or registered dental assistant in extended functions acting in accordance with the provisions of this chapter.

(c) A registered dental hygienist, registered dental hygienist in alternative practice, or registered dental hygienist in extended functions licensed in another jurisdiction performing a clinical demonstration for educational purposes.

SEC. 43. Section 1770 of the Business and Professions Code, as amended by Section 25 of Chapter 588 of the Statutes of 2007, is amended and renumbered to read:

1753.7. (a) A licensed dentist may simultaneously utilize in his or her practice no more than two registered dental assistants in extended functions or registered dental hygienists in extended functions licensed pursuant to Sections 1753.1 and 1918.

(b) This section shall remain in effect only until January 1, 2010, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2010, deletes or extends that date.

SEC. 44. Section 1770 of the Business and Professions Code, as amended by Section 26 of Chapter 588 of the Statutes of 2007, is amended and renumbered to read:

1753.7. (a) A licensed dentist may simultaneously utilize in his or her practice no more than three registered dental assistants in extended functions or registered dental hygienists in extended functions licensed pursuant to Section 1753 or 1918.

(b) This section shall become operative on January 1, 2010.

SEC. 45. Section 1771 of the Business and Professions Code is amended to read:

1771. Any person, other than a person who has been issued a license or permit by the board, who holds himself or herself out as a registered dental assistant, orthodontic assistant permitholder, dental sedation assistant permitholder, or registered dental assistant in extended functions, or uses any other term indicating or implying he or she is licensed or permitted by the board as such, is guilty of a misdemeanor.

SEC. 46. Section 1777 of the Business and Professions Code is amended to read:

1777. While employed by or practicing in a primary care clinic or specialty clinic licensed pursuant to Section 1204 of the Health and Safety Code, in a primary care clinic exempt from licensure pursuant to subdivision (c) of Section 1206 of the Health and Safety Code, or a clinic owned and operated by a hospital that maintains the primary contract with a county government to fill the county's role under Section 17000 of the Welfare and Institutions Code, the following shall apply:

(a) A dental assistant, registered dental assistant, or registered dental assistant in extended functions may perform any extraoral duty under the direct supervision of a registered dental hygienist or registered dental hygienist in alternative practice.

(b) A registered dental assistant or a registered dental assistant in extended functions may perform the following procedures under the direct supervision of a registered dental hygienist or a registered dental hygienist in alternative practice, pursuant to subdivision (b) of Section 1763:

(1) Coronal polishing.

(2) Application of topical fluoride.

(3) Application of sealants, after providing evidence to the board of having completed a board-approved course in that procedure.

SEC. 47. No reimbursement is required by this act pursuant to Section 6 of Article XIII B of the California Constitution because the only costs that may be incurred by a local agency or school district will be incurred because this act creates a new crime or infraction, eliminates a crime or infraction, or changes the penalty for a crime or infraction, within the meaning of Section 17556 of the Government Code, or changes the definition of a crime

within the meaning of Section 6 of Article XIII B of the California Constitution.

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